

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	P23829	Total Pages
Inventor(s) or Application Identifier		
Ji-Won SUNG, Chel-Woong LEE, Jae-Yoo YOO, Hyuk LEE, Hyung-Jin KIM		

Title: APPARATUS AND METHOD FOR CONTROLLING OPERATION OF RECIPROCATING COMPRESSOR

ADDRESS TO:  
**Commissioner for Patents  
Mail Stop Patent Application  
PO Box 1450  
Alexandria, VA 22313-1450**

3914 U.S. PTO  
10/668153  
092403

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>a. <input type="checkbox"/> Small Entity Statement(s)</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>18</u>] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>4</u>]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>4</u>]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy) <input type="checkbox"/> Unexecuted</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 20 completed) [Note Box 6 below]</p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> <p>7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)</p>	<p>9. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> <p>10. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>11. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>12. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>14. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>16. <input checked="" type="checkbox"/> Figure of Drawing to be published <u>3</u></p> <p>17. <input checked="" type="checkbox"/> Foreign priority claimed</p> <p>a. <input checked="" type="checkbox"/> Claim of Priority</p> <p>b. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)</p> <p>18. <input checked="" type="checkbox"/> Assignee: <u>LG Electronics Inc. of Seoul, Republic of Korea</u></p> <p>19. <input type="checkbox"/> Other: _____ _____ _____ _____</p>
<p>20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. <u>  /  </u>, filed <u>  </u>. Prior application information: Examiner: <u>  </u> Group Art Unit: <u>  </u></p> <p>21. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence: This application is a <u>  </u> continuation-in-part, <u>  </u> continuation, <u>  </u> divisional, of Application No. <u>  /  </u>, filed <u>  </u>.</p>	

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*9/23/03*

Date

*Leslie J. Bernstein Reg. No. 33,329*  
Signature  
*33,329*

Bruce H. Bernstein, Reg. No. 29,027  
Typed or Printed Name

1797 U.S. PTO  
03/24/03

## FEE TRANSMITTAL

Complete if Known			
Application Number			Not Yet Assigned
Filing Date			Concurrently Herewith
First Named Inventor			Ji-Wong SUNG et al.
Group Art Unit			Unassigned
Examiner Name			Unassigned

TOTAL AMOUNT OF PAYMENT	(\$874.00)	Attorney Docket Number	P23829
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METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																															
<p>1. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM &amp; BERNSTEIN, P.L.C.</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3)) <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) <input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27.</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p><b>3. ADDITIONAL FEES</b></p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Entity Fee (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Prior to Examiner action</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for response within 1st month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for response within 2nd month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for response within 3rd month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for response within 4th month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for response within 5th month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of IDS</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td>Other fee (specify)</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td>Other fee (specify)</td><td></td></tr> <tr> <td></td> <td></td> <td></td> <td></td> <td><b>SUBTOTAL (3) (\$ 40.00)</b></td> <td></td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee paid</td> <td></td> <td></td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - 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